
APPENDIX L

CONTRA COSTA COUNTY RESIDENTS, WALKABLE BUFFER RESULTS

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Table L1. Sample Distribution of BATS2000 Households and Residents by Proximity to Rail and Ferries - Contra Costa County Residents

Proximity of Household to Rail Stations and Ferry Terminals	Households		Residents		Vehicles	
	Number	Percent	Number	Percent	Number	Percent
Within 1/2 mile	81	4%	163	3%	122	3%
1/2 mile to 1 mile	194	9%	417	8%	314	7%
Greater than 1 mile - Urban	118	5%	273	5%	181	4%
Greater than 1 mile - High-Suburban	379	17%	899	16%	719	16%
Greater than 1 mile - Low-Suburban	1,339	59%	3,350	61%	2,739	62%
Greater than 1 mile - Rural	154	7%	428	8%	361	8%
Total	2,265	100%	5,530	100%	4,436	100%

Table L2. Weighted Distribution of BATS2000 Households and Residents by Proximity to Rail and Ferries - Contra Costa County Residents

Proximity of Household to Rail Stations and Ferry Terminals	Households		Residents		Vehicles	
	Number	Percent	Number	Percent	Number	Percent
Within 1/2 mile	14,040	4%	32,672	3%	20,112	3%
1/2 mile to 1 mile	32,491	9%	81,843	9%	47,346	7%
Greater than 1 mile - Urban	27,078	8%	80,462	9%	42,976	7%
Greater than 1 mile - High-Suburban	66,314	19%	181,805	19%	126,796	19%
Greater than 1 mile - Low-Suburban	183,509	53%	495,283	53%	371,687	57%
Greater than 1 mile - Rural	20,871	6%	65,755	7%	48,021	7%
Total	344,304	100%	937,819	100%	656,938	100%

Table L3. BATS2000 Demographic Characteristics by Proximity to Rail and Ferries - Contra Costa County Residents

Proximity of Household to Rail Stations and Ferry Terminals	Total Households	Total Persons	Total Vehicles	Persons per Household	Vehicles per Household	Vehicles per Person	Average Income per Household	Average Income per Person
Within 1/2 mile	14,040	32,672	20,112	2.33	1.43	0.62	\$61,074	\$26,246
1/2 mile to 1 mile	32,491	81,843	47,346	2.52	1.46	0.58	\$55,721	\$22,121
Greater than 1 mile - Urban	27,078	80,462	42,976	2.97	1.59	0.53	\$49,460	\$16,645
Greater than 1 mile - High-Suburban	66,314	181,805	126,796	2.74	1.91	0.70	\$68,741	\$25,073
Greater than 1 mile - Low-Suburban	183,509	495,283	371,687	2.70	2.03	0.75	\$86,210	\$31,942
Greater than 1 mile - Rural	20,871	65,755	48,021	3.15	2.30	0.73	\$93,434	\$29,657
Total	344,304	937,819	656,938	2.72	1.91	0.70	\$76,491	\$28,082

Table L4. BATS2000 Households by Proximity to Rail and Ferry by Population Density of Block Group - Contra Costa County Residents

Proximity of Household to Rail and Ferry Stops	Density	Sample Households		Weighted Households	
		Number	Percent	Number	Percent
Within 1/2 mile	Urban	12	14.8%	2,911	20.7%
	High Suburban	44	54.3%	7,303	52.0%
	Low Suburban	19	23.5%	2,696	19.2%
	Rural	6	7.4%	1,130	8.0%
1/2 mile to 1 mile	Urban	44	22.7%	11,683	36.0%
	High Suburban	77	39.7%	12,190	37.5%
	Low Suburban	66	34.0%	7,594	23.4%
	Rural	7	3.6%	1,024	3.2%
Greater than 1 mile	Urban	118	5.9%	27,078	9.1%
	High Suburban	379	19.0%	66,314	22.3%
	Low Suburban	1,339	67.3%	183,509	61.6%
	Rural	154	7.7%	20,871	7.0%
Total		2,265	100.0%	344,304	100.0%

**Table L5. Income Distribution of BATS2000 SAMPLE Households by Proximity to Rail and Ferries
(Number of Households) Contra Costa County Residents**

Household Income Category	Proximity of Household to Rail Stations and Ferry Terminals						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
Below \$10,000	1	7	4	2	18	4	36
\$10,000 to below \$15,000	1	6	3	8	11	1	30
\$15,000 to below \$20,000	1	10	10	9	28	1	59
\$20,000 to below \$25,000	7	12	10	13	37	1	80
\$25,000 to below \$30,000	3	9	9	14	30	2	67
\$30,000 to below \$35,000	4	8	8	13	39	1	73
\$35,000 to below \$40,000	2	9	1	25	47	5	89
\$40,000 to below \$45,000	8	10	7	23	67	8	123
\$45,000 to below \$50,000	3	7	13	30	91	9	153
\$50,000 to below \$60,000	10	32	18	57	136	19	272
\$60,000 to below \$75,000	15	25	15	54	164	12	285
\$75,000 to below \$100,000	15	32	9	68	269	38	431
\$100,000 to below \$125,000	8	15	5	36	197	23	284
\$125,000 to below \$150,000	1	5	2	9	77	7	101
\$150,000 or more	2	7	4	18	128	23	182
Total	81	194	118	379	1,339	154	2,265

**Table L6. Income Distribution of BATS2000 WEIGHTED Households by Proximity to Rail and Ferries
(Number of Households) Contra Costa County Residents**

Household Income Category	Proximity of Household to Rail Stations and Ferry Terminals						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
Below \$10,000	121	1,425	1,365	1,778	3,463	1,244	9,396
\$10,000 to below \$15,000	75	2,329	982	2,102	3,850	308	9,646
\$15,000 to below \$20,000	75	1,796	1,795	1,964	5,349	298	11,276
\$20,000 to below \$25,000	2,006	2,303	2,372	1,955	4,823	209	13,668
\$25,000 to below \$30,000	699	2,240	2,180	2,157	4,389	232	11,896
\$30,000 to below \$35,000	339	1,276	2,708	2,451	4,814	107	11,696
\$35,000 to below \$40,000	235	1,692	108	3,796	6,888	567	13,285
\$40,000 to below \$45,000	1,217	1,463	1,463	5,637	8,164	788	18,732
\$45,000 to below \$50,000	1,516	1,592	2,763	6,062	11,767	2,365	26,066
\$50,000 to below \$60,000	1,511	4,317	4,052	8,059	18,782	2,808	39,527
\$60,000 to below \$75,000	2,164	3,492	2,864	9,924	21,156	1,499	41,099
\$75,000 to below \$100,000	2,775	5,346	2,551	9,423	37,109	3,897	61,103
\$100,000 to below \$125,000	895	2,054	1,257	5,811	26,461	2,691	39,169
\$125,000 to below \$150,000	96	567	215	1,777	9,916	1,047	13,618
\$150,000 or more	316	601	403	3,418	16,578	2,811	24,128
Total	14,040	32,491	27,078	66,314	183,509	20,871	344,304

**Table L7. Income Distribution of BATS2000 WEIGHTED Households by Proximity to Rail and Ferries
(Column Percent) Contra Costa County Residents**

Household Income Category	Proximity of Household to Rail Stations and Ferry Terminals						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
Below \$10,000	1%	4%	5%	3%	2%	6%	3%
\$10,000 to below \$15,000	1%	7%	4%	3%	2%	1%	3%
\$15,000 to below \$20,000	1%	6%	7%	3%	3%	1%	3%
\$20,000 to below \$25,000	14%	7%	9%	3%	3%	1%	4%
\$25,000 to below \$30,000	5%	7%	8%	3%	2%	1%	3%
\$30,000 to below \$35,000	2%	4%	10%	4%	3%	1%	3%
\$35,000 to below \$40,000	2%	5%	0%	6%	4%	3%	4%
\$40,000 to below \$45,000	9%	5%	5%	9%	4%	4%	5%
\$45,000 to below \$50,000	11%	5%	10%	9%	6%	11%	8%
\$50,000 to below \$60,000	11%	13%	15%	12%	10%	13%	11%
\$60,000 to below \$75,000	15%	11%	11%	15%	12%	7%	12%
\$75,000 to below \$100,000	20%	16%	9%	14%	20%	19%	18%
\$100,000 to below \$125,000	6%	6%	5%	9%	14%	13%	11%
\$125,000 to below \$150,000	1%	2%	1%	3%	5%	5%	4%
\$150,000 or more	2%	2%	1%	5%	9%	13%	7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

**Table L8. Income Distribution of BATS2000 WEIGHTED Households by Proximity to Rail and Ferries
(Row Percent) Contra Costa County Residents**

Household Income Category	Proximity of Household to Rail Stations and Ferry Terminals						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
Below \$10,000	1%	15%	15%	19%	37%	13%	100%
\$10,000 to below \$15,000	1%	24%	10%	22%	40%	3%	100%
\$15,000 to below \$20,000	1%	16%	16%	17%	47%	3%	100%
\$20,000 to below \$25,000	15%	17%	17%	14%	35%	2%	100%
\$25,000 to below \$30,000	6%	19%	18%	18%	37%	2%	100%
\$30,000 to below \$35,000	3%	11%	23%	21%	41%	1%	100%
\$35,000 to below \$40,000	2%	13%	1%	29%	52%	4%	100%
\$40,000 to below \$45,000	6%	8%	8%	30%	44%	4%	100%
\$45,000 to below \$50,000	6%	6%	11%	23%	45%	9%	100%
\$50,000 to below \$60,000	4%	11%	10%	20%	48%	7%	100%
\$60,000 to below \$75,000	5%	8%	7%	24%	51%	4%	100%
\$75,000 to below \$100,000	5%	9%	4%	15%	61%	6%	100%
\$100,000 to below \$125,000	2%	5%	3%	15%	68%	7%	100%
\$125,000 to below \$150,000	1%	4%	2%	13%	73%	8%	100%
\$150,000 or more	1%	2%	2%	14%	69%	12%	100%
Total	4.1%	9.4%	7.9%	19.3%	53.3%	6.1%	100.0%

Table L9. BATS2000 Mode Shares by Trip Purpose and Proximity to Rail and Ferries - Contra Costa County Residents

Travel Characteristic	Proximity of Household to Rail Stations and Ferry Terminals						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
MODE SHARES							
Home-Based Work							
In-Vehicle Person	66.8%	72.1%	85.8%	88.4%	86.6%	92.1%	85.1%
Vehicle Driver	52.9%	60.2%	80.3%	84.3%	81.3%	86.6%	79.0%
Vehicle Passenger	13.9%	11.9%	5.4%	4.1%	5.3%	5.5%	6.1%
Total Transit	27.2%	22.7%	10.0%	10.5%	11.3%	6.6%	12.5%
Rail and Ferry	24.7%	18.4%	10.0%	7.2%	10.5%	6.6%	10.9%
Bus	2.5%	4.2%	0.0%	3.3%	0.8%	0.0%	1.5%
Bicycle	0.0%	0.2%	0.9%	0.1%	0.3%	0.5%	0.3%
Walk	6.0%	3.5%	3.4%	0.6%	1.0%	0.3%	1.5%
Other	0.0%	1.5%	0.0%	0.4%	0.8%	0.4%	0.7%
Non-Work Trips							
In-Vehicle Person	68.6%	76.9%	79.1%	85.4%	88.7%	88.5%	85.8%
Vehicle Driver	45.6%	50.3%	45.9%	50.6%	57.1%	54.0%	53.9%
Vehicle Passenger	23.0%	26.6%	33.2%	34.8%	31.6%	34.5%	31.9%
Total Transit	9.7%	6.8%	3.5%	2.0%	2.3%	5.5%	3.1%
Rail and Ferry	6.3%	3.0%	2.8%	0.8%	1.5%	0.8%	1.7%
Bus	3.4%	3.8%	0.7%	1.2%	0.7%	4.6%	1.4%
Bicycle	1.2%	1.0%	0.4%	0.8%	0.7%	0.4%	0.7%
Walk	20.3%	14.5%	14.9%	9.0%	7.3%	2.9%	8.9%
Other	0.2%	0.8%	2.1%	2.9%	1.0%	2.7%	1.5%
Total Trips							
In-Vehicle Person	68.1%	75.9%	80.3%	86.0%	88.3%	89.2%	85.6%
Vehicle Driver	47.7%	52.3%	52.4%	57.3%	61.6%	60.2%	58.8%
Vehicle Passenger	20.4%	23.7%	28.0%	28.7%	26.7%	28.9%	26.9%
Total Transit	14.8%	10.0%	4.7%	3.7%	4.0%	5.7%	4.9%
Rail and Ferry	11.7%	6.1%	4.1%	2.1%	3.2%	1.9%	3.5%
Bus	3.1%	3.9%	0.6%	1.6%	0.7%	3.8%	1.4%
Bicycle	0.8%	0.9%	0.5%	0.6%	0.6%	0.4%	0.6%
Walk	16.1%	12.3%	12.7%	7.3%	6.1%	2.4%	7.4%
Other	0.1%	0.9%	1.7%	2.4%	1.0%	2.3%	1.4%

Table L9. BATS2000 Mode Shares by Trip Purpose and Proximity to Rail and Ferries - Contra Costa County Residents

Travel Characteristic	Proximity of Household to Rail Stations and Ferry Terminals						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
MODE SHARES							
Home-Based Shop/Other							
In-Vehicle Person	75.5%	80.8%	85.6%	87.9%	91.7%	93.5%	89.1%
Vehicle Driver	62.0%	56.9%	59.6%	55.4%	68.3%	66.5%	63.7%
Vehicle Passenger	13.5%	23.9%	26.0%	32.5%	23.5%	26.9%	25.4%
Total Transit	2.9%	5.4%	2.6%	0.9%	1.2%	2.2%	1.7%
Rail and Ferry	2.9%	2.2%	1.2%	0.2%	0.9%	0.3%	0.9%
Bus	0.0%	3.2%	1.4%	0.7%	0.3%	1.9%	0.8%
Bicycle	1.6%	2.5%	0.2%	2.0%	0.8%	0.1%	1.1%
Walk	19.6%	10.3%	11.5%	8.5%	5.9%	3.4%	7.6%
Other	0.4%	1.1%	0.0%	0.7%	0.4%	0.8%	0.5%
Home-Based Social/Rec.							
In-Vehicle Person	78.8%	84.4%	79.5%	90.7%	90.8%	96.1%	89.7%
Vehicle Driver	34.9%	47.8%	47.3%	51.9%	52.5%	52.9%	51.2%
Vehicle Passenger	43.9%	36.6%	32.1%	38.9%	38.3%	43.2%	38.5%
Total Transit	7.9%	3.3%	7.1%	1.6%	2.7%	1.3%	2.9%
Rail and Ferry	7.9%	2.5%	7.1%	1.4%	2.0%	1.3%	2.4%
Bus	0.0%	0.8%	0.0%	0.2%	0.8%	0.0%	0.5%
Bicycle	1.2%	0.3%	0.3%	0.0%	1.0%	0.2%	0.7%
Walk	12.1%	11.7%	11.4%	6.1%	4.8%	1.8%	5.9%
Other	0.0%	0.3%	1.7%	1.5%	0.7%	0.6%	0.9%
Home-Based School							
In-Vehicle Person	61.2%	49.5%	68.4%	67.5%	79.5%	62.4%	71.6%
Vehicle Driver	37.3%	13.9%	13.9%	13.8%	21.4%	14.9%	18.2%
Vehicle Passenger	23.9%	35.5%	54.4%	53.7%	58.0%	47.5%	53.4%
Total Transit	35.8%	16.1%	3.4%	4.9%	3.5%	21.1%	6.8%
Rail and Ferry	19.3%	4.5%	3.4%	0.7%	1.5%	0.0%	2.1%
Bus	16.5%	11.6%	0.0%	4.2%	2.0%	21.1%	4.7%
Bicycle	1.3%	0.0%	0.9%	0.2%	1.2%	1.2%	0.9%
Walk	1.7%	33.8%	22.1%	14.2%	12.2%	2.8%	14.5%
Other	0.0%	0.6%	5.3%	13.1%	3.6%	12.5%	6.2%
Non-Home-Based							
In-Vehicle Person	55.8%	79.9%	79.7%	88.6%	87.7%	92.6%	86.2%
Vehicle Driver	40.1%	61.9%	59.9%	64.8%	64.0%	66.0%	63.1%
Vehicle Passenger	15.7%	18.0%	19.8%	23.8%	23.7%	26.7%	23.1%
Total Transit	8.8%	6.7%	2.6%	1.9%	2.6%	3.0%	3.0%
Rail and Ferry	3.9%	3.7%	1.8%	1.0%	1.9%	1.4%	1.9%
Bus	4.9%	3.1%	0.9%	0.8%	0.6%	1.6%	1.1%
Bicycle	0.6%	0.0%	0.2%	0.1%	0.3%	0.2%	0.2%
Walk	34.6%	12.6%	14.8%	8.8%	8.7%	3.5%	9.8%
Other	0.1%	0.8%	2.6%	0.7%	0.8%	0.7%	0.8%

Note: Shaded cells denote insufficient sample size.

Table L10. BATS2000 Trips by Mode, Trip Purpose, and Proximity to Rail and Ferries - Contra Costa County Residents

Travel Characteristic	Proximity of Household to Rail Stations and Ferry Terminals						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
WEIGHTED TRIPS							
Home-Based Work							
In-Vehicle Person	20,288	33,455	36,346	102,426	261,916	35,844	490,276
Vehicle Driver	16,052	27,948	34,037	97,697	245,947	33,702	455,383
Vehicle Passenger	4,236	5,507	2,309	4,729	15,969	2,143	34,893
Total Transit	8,262	10,519	4,228	12,175	34,092	2,577	71,852
Rail and Ferry	7,504	8,561	4,228	8,348	31,721	2,577	62,938
Bus	758	1,957	0	3,827	2,372	0	8,914
Bicycle	0	94	360	111	1,002	199	1,766
Walk	1,822	1,644	1,436	645	3,020	122	8,690
Other	0	703	0	482	2,407	160	3,752
Total	30,372	46,415	42,369	115,839	302,438	38,902	576,337
Non-Work Trips							
In-Vehicle Person	50,497	142,298	143,777	394,278	1,160,066	145,829	2,036,745
Vehicle Driver	33,549	93,028	83,404	233,405	746,736	89,008	1,279,131
Vehicle Passenger	16,948	49,270	60,373	160,873	413,330	56,821	757,615
Total Transit	7,165	12,584	6,377	9,114	29,606	9,036	73,882
Rail and Ferry	4,672	5,466	5,066	3,591	20,273	1,378	40,447
Bus	2,492	7,118	1,311	5,524	9,333	7,658	33,435
Bicycle	862	1,910	762	3,511	9,417	591	17,053
Walk	14,940	26,819	27,073	41,519	95,727	4,847	210,924
Other	128	1,415	3,887	13,269	13,410	4,492	36,600
Total	73,591	185,026	181,877	461,692	1,308,225	164,794	2,375,205
Total Trips							
In-Vehicle Person	70,785	175,754	180,122	496,704	1,421,982	181,674	2,527,022
Vehicle Driver	49,601	120,976	117,441	331,102	992,683	122,710	1,734,514
Vehicle Passenger	21,184	54,777	62,682	165,602	429,299	58,964	792,508
Total Transit	15,427	23,103	10,605	21,290	63,698	11,613	145,735
Rail and Ferry	12,176	14,028	9,294	11,939	51,993	3,955	103,385
Bus	3,250	9,075	1,311	9,351	11,704	7,658	42,350
Bicycle	862	2,004	1,123	3,622	10,419	790	18,819
Walk	16,762	28,463	28,509	42,164	98,747	4,969	219,614
Other	128	2,118	3,887	13,751	15,817	4,652	40,353
Total	103,964	231,442	224,246	577,531	1,610,663	203,697	2,951,542

Table L10. BATS2000 Trips by Mode, Trip Purpose, and Proximity to Rail and Ferries - Contra Costa County Residents

Travel Characteristic	Proximity of Household to Rail Stations and Ferry Terminals						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
WEIGHTED TRIPS							
Home-Based Shop/Other							
In-Vehicle Person	18,073	59,502	61,407	143,778	408,637	40,923	732,319
Vehicle Driver	14,838	41,935	42,740	90,616	304,134	29,138	523,402
Vehicle Passenger	3,234	17,567	18,667	53,162	104,502	11,785	208,917
Total Transit	696	3,959	1,860	1,481	5,340	945	14,282
Rail and Ferry	696	1,603	855	341	4,115	124	7,734
Bus	0	2,356	1,006	1,140	1,226	821	6,548
Bicycle	382	1,810	171	3,219	3,344	64	8,991
Walk	4,694	7,602	8,273	13,870	26,371	1,504	62,313
Other	96	775	0	1,150	1,768	354	4,144
Total	23,941	73,648	71,711	163,499	445,460	43,790	822,049
Home-Based Social/Rec.							
In-Vehicle Person	14,598	32,282	22,225	87,391	275,342	39,667	471,505
Vehicle Driver	6,466	18,288	13,232	49,963	159,264	21,822	269,035
Vehicle Passenger	8,133	13,994	8,992	37,428	116,078	17,845	202,470
Total Transit	1,463	1,277	1,995	1,587	8,312	547	15,181
Rail and Ferry	1,463	971	1,995	1,360	6,024	547	12,361
Bus	0	306	0	226	2,288	0	2,820
Bicycle	222	100	84	36	2,892	93	3,427
Walk	2,236	4,471	3,190	5,873	14,519	740	31,030
Other	0	119	476	1,440	2,246	235	4,515
Total	18,520	38,249	27,970	96,327	303,310	41,282	525,658
Home-Based School							
In-Vehicle Person	5,135	12,852	32,408	50,339	139,389	17,790	257,913
Vehicle Driver	3,130	3,619	6,598	10,298	37,600	4,255	65,500
Vehicle Passenger	2,005	9,234	25,810	40,041	101,789	13,535	192,413
Total Transit	3,009	4,178	1,605	3,679	6,122	6,016	24,609
Rail and Ferry	1,620	1,162	1,605	555	2,681	0	7,623
Bus	1,389	3,015	0	3,124	3,441	6,016	16,986
Bicycle	111	0	422	184	2,144	335	3,196
Walk	141	8,791	10,472	10,560	21,454	800	52,219
Other	0	166	2,504	9,787	6,327	3,560	22,343
Total	8,395	25,988	47,411	74,549	175,437	28,500	360,280
Non-Home-Based							
In-Vehicle Person	12,691	37,662	27,737	112,771	336,698	47,449	575,009
Vehicle Driver	9,115	29,187	20,833	82,529	245,738	33,793	421,194
Vehicle Passenger	3,576	8,476	6,904	30,242	90,961	13,656	153,815
Total Transit	1,996	3,171	917	2,367	9,832	1,528	19,811
Rail and Ferry	894	1,730	611	1,334	7,453	707	12,730
Bus	1,103	1,440	306	1,033	2,379	821	7,081
Bicycle	147	0	84	72	1,037	99	1,440
Walk	7,869	5,954	5,137	11,216	33,383	1,803	65,362
Other	32	355	907	891	3,069	344	5,598
Total	22,735	47,142	34,783	127,318	384,019	51,222	667,219

Note: Shaded cells denote insufficient sample size.

Table L11. BATS2000 SAMPLE Trips by Mode, Trip Purpose, and Proximity to Rail and Ferries - Contra Costa County Residents

Travel Characteristic	Proximity of Household to Rail Stations and Ferry Terminals						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
SAMPLE TRIPS							
Home-Based Work							
In-Vehicle Person	184	363	257	989	3,251	426	5,470
Vehicle Driver	169	324	243	951	3,074	397	5,158
Vehicle Passenger	15	39	14	38	177	29	312
Total Transit	58	83	28	121	421	32	743
Rail and Ferry	54	67	28	90	389	32	660
Bus	4	16	0	31	32	0	83
Bicycle	0	2	5	2	12	2	23
Walk	13	22	11	11	37	2	96
Other	0	4	0	7	25	4	40
Total	255	474	301	1,130	3,746	466	6,372
Non-Work Trips							
In-Vehicle Person	503	1,530	872	3,441	14,347	1,915	22,608
Vehicle Driver	354	1,114	573	2,314	9,740	1,222	15,317
Vehicle Passenger	149	416	299	1,127	4,607	693	7,291
Total Transit	55	72	42	77	292	37	575
Rail and Ferry	42	43	34	38	218	24	399
Bus	13	29	8	39	74	13	176
Bicycle	16	12	6	19	110	9	172
Walk	137	206	129	307	1,062	91	1,932
Other	2	13	25	49	147	26	262
Total	713	1,833	1,074	3,893	15,958	2,078	25,549
Total Trips							
In-Vehicle Person	687	1,893	1,129	4,430	17,598	2,341	28,078
Vehicle Driver	523	1,438	816	3,265	12,814	1,619	20,475
Vehicle Passenger	164	455	313	1,165	4,784	722	7,603
Total Transit	113	155	70	198	713	69	1,318
Rail and Ferry	96	110	62	128	607	56	1,059
Bus	17	45	8	70	106	13	259
Bicycle	16	14	11	21	122	11	195
Walk	150	228	140	318	1,099	93	2,028
Other	2	17	25	56	172	30	302
Total	968	2,307	1,375	5,023	19,704	2,544	31,921

Table L11. BATS2000 SAMPLE Trips by Mode, Trip Purpose, and Proximity to Rail and Ferries - Contra Costa County Residents

Travel Characteristic	Proximity of Household to Rail Stations and Ferry Terminals						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
SAMPLE TRIPS							
Home-Based Shop/Other							
In-Vehicle Person	176	585	356	1,239	5,036	591	7,983
Vehicle Driver	137	444	258	922	3,919	427	6,107
Vehicle Passenger	39	141	98	317	1,117	164	1,876
Total Transit	7	14	9	18	51	4	103
Rail and Ferry	7	7	4	5	38	3	64
Bus	0	7	5	13	13	1	39
Bicycle	7	10	1	14	35	1	68
Walk	46	64	47	104	314	30	605
Other	1	7	0	10	18	3	39
Total	237	680	413	1,385	5,454	629	8,798
Home-Based Social/Rec.							
In-Vehicle Person	134	343	184	827	3,547	501	5,536
Vehicle Driver	82	241	117	517	2,166	289	3,412
Vehicle Passenger	52	102	67	310	1,381	212	2,124
Total Transit	15	18	15	17	87	11	163
Rail and Ferry	15	15	15	13	71	11	140
Bus	0	3	0	4	16	0	23
Bicycle	4	2	1	1	34	2	44
Walk	27	38	14	42	175	12	308
Other	0	1	3	6	24	3	37
Total	180	402	217	893	3,867	529	6,088
Home-Based School							
In-Vehicle Person	40	112	120	366	1,519	200	2,357
Vehicle Driver	17	34	34	84	458	50	677
Vehicle Passenger	23	78	86	282	1,061	150	1,680
Total Transit	17	17	5	18	46	11	114
Rail and Ferry	9	7	5	4	18	0	43
Bus	8	10	0	14	28	11	71
Bicycle	2	0	3	2	30	4	41
Walk	2	44	33	65	189	13	346
Other	0	2	15	26	66	15	124
Total	61	175	176	477	1,850	243	2,982
Non-Home-Based							
In-Vehicle Person	153	490	212	1,009	4,245	623	6,732
Vehicle Driver	118	395	164	791	3,197	456	5,121
Vehicle Passenger	35	95	48	218	1,048	167	1,611
Total Transit	16	23	13	24	108	11	195
Rail and Ferry	11	14	10	16	91	10	152
Bus	5	9	3	8	17	1	43
Bicycle	3	0	1	2	11	2	19
Walk	62	60	35	96	384	36	673
Other	1	3	7	7	39	5	62
Total	235	576	268	1,138	4,787	677	7,681

Note: Shaded cells denote insufficient sample size.

Table L12. BATS2000 Sample Persons by Purpose and Proximity to Rail and Ferries - Contra Costa County Residents

Trip Purpose	Proximity of Household to Rail Stations and Ferry Terminals						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
SAMPLE PERSONS							
Home-Based Work	92	179	109	404	1,376	179	2,339
Non-Work Trips	136	334	211	717	2,753	351	4,502
Total Trips	153	377	242	815	3,069	391	5,047
Home-Based Shop/Other	96	244	124	497	1,905	225	3,091
Home-Based Social/Rec.	76	185	97	378	1,612	227	2,575
Home-Based School	27	71	61	176	675	88	1,098
Non-Home-Based	90	205	113	446	1,819	226	2,899

Note: The tally of sample persons in this table sums tripmakers only once by trip purpose regardless of the number of trips the person made. Additionally, there is overlap between purposes when tallying the number of trip makers (residents who made home-based work trips also made non-work trips). For example, if a person made 2 home-based work trips, 3 home-based shop trips, 2 home-based social/recreational trips, 1 home-based school trip, and 5 non-home-based trips, s/he was counted as a tripmaker once in the home-based work category, once in the social/recreational category, once in the shop category, once in the non-home-based category, once in the non-work category, and once in the total trips category.

**Table L13. BATS2000 Household Trip Rates by Proximity to Rail and Ferries
Contra Costa County Residents**

Travel Characteristic	Proximity of Household to Rail Station or Ferry Terminal						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
TRIP RATES							
Vehicle Driver Trips per Household	3.533	3.723	4.337	4.993	5.409	5.879	5.038
Transit Trips per Household	1.099	0.711	0.392	0.321	0.347	0.556	0.423
Bicycle Trips per Household	0.061	0.062	0.041	0.055	0.057	0.038	0.055
Walk Trips per Household	1.194	0.876	1.053	0.636	0.538	0.238	0.638
Total Trips per Household	7.405	7.123	8.281	8.709	8.777	9.760	8.572
TRANSIT USE							
Percent of Households Using Transit During Two-Day Survey Period	48.8%	32.8%	21.7%	15.9%	17.7%	15.7%	20.3%

Table L14. BATS2000 Per Capita Trip Rates and Transit Use by Proximity to Rail and Ferries Contra Costa County Residents

Travel Characteristic	Proximity of Household to Rail Station or Ferry Terminal						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
TRIP RATES							
Vehicle Driver Trips per Person	1.518	1.478	1.460	1.821	2.004	1.866	1.850
Transit Trips per Person	0.472	0.282	0.132	0.117	0.129	0.177	0.155
Bicycle Trips per Person	0.026	0.024	0.014	0.020	0.021	0.012	0.020
Walk Trips per Person	0.513	0.348	0.354	0.232	0.199	0.076	0.234
Total Trips per Person	3.182	2.828	2.787	3.177	3.252	3.098	3.147
TRANSIT USE							
Percent of Population Using Transit During Two-Day Survey Period	28.3%	18.2%	9.7%	7.5%	7.9%	9.7%	9.7%

Table L15. Zone-to-Zone VMT per Trip by Proximity to Rail and Ferry Stations - Contra Costa County Residents

Proximity of Home to Rail Stations and Ferry Terminals	Valid VMT	Valid Driver Trips	Average VMT/Trip	Total Vehicle Driver Trips	Total Estimated VMT	Imputed Share of Total Estimated VMT	VMT per Household	VMT per Driver
Within 1/2 mile	378,070	44,441	8.51	49,601	421,968	10%	30.05	18.13
1/2 mile to 1 mile	803,507	106,158	7.57	120,976	915,667	12%	28.18	18.13
Greater than 1 mile - Urban	710,707	99,138	7.17	117,441	841,918	16%	31.09	20.62
Greater than 1 mile - High-Suburban	2,543,539	297,725	8.54	331,102	2,828,687	10%	42.66	23.89
Greater than 1 mile - Low-Suburban	7,553,725	893,005	8.46	992,683	8,396,879	10%	45.76	24.53
Greater than 1 mile - Rural	1,025,127	112,432	9.12	122,710	1,118,836	8%	53.61	26.82
Total	13,014,676	1,552,900	8.38	1,734,514	14,523,955	10%	42.18	23.54

Table L16. BATS2000 Weekday Home-Based Work Trip Mode Shares by Proximity of Home and Place of Work to Rail and Ferries - Contra Costa County Residents

Proximity of Household to Rail Station or Ferry Terminal	Mode	Proximity of Work to Rail Station or Ferry Terminal		
		Within 1/2 mile	Greater than 1/2 mile	Total
Within 1/2 mile	In-Vehicle Person	52%	80%	67%
	Vehicle Driver	42%	65%	54%
	Vehicle Passenger	10%	15%	13%
	Total Transit	44%	11%	26%
	Rail and Ferry	39%	11%	23%
	Bus	5%	1%	3%
	Bicycle	0%	0%	0%
	Walk	4%	9%	6%
	Other	0%	0%	0%
	Total	100%	100%	100%
Greater than 1/2 mile	In-Vehicle Person	58%	94%	86%
	Vehicle Driver	54%	89%	81%
	Vehicle Passenger	5%	5%	5%
	Total Transit	39%	4%	12%
	Rail and Ferry	35%	3%	11%
	Bus	4%	1%	2%
	Bicycle	0%	0%	0%
	Walk	1%	1%	1%
	Other	1%	0%	1%
	Total	100%	100%	100%
Total	In-Vehicle Person	58%	93%	85%
	Vehicle Driver	53%	88%	79%
	Vehicle Passenger	5%	5%	5%
	Total Transit	39%	4%	13%
	Rail and Ferry	36%	3%	11%
	Bus	4%	1%	2%
	Bicycle	0%	0%	0%
	Walk	1%	2%	1%
	Other	1%	0%	1%
	Total	100%	100%	100%

Note: Shaded cells denote insufficient sample size.

Table L17. BATS2000 Weekday Home-Based Work Trips by Proximity of Home and Place of Work to Rail and Ferries - Contra Costa County Residents

Proximity of Household to Rail Station or Ferry Terminal	Mode	Proximity of Work to Rail Station or Ferry Terminal		
		Within 1/2 mile	Greater than 1/2 mile	Total
Within 1/2 mile	In-Vehicle Person	6,671	12,382	19,053
	Vehicle Driver	5,382	10,004	15,386
	Vehicle Passenger	1,289	2,378	3,667
	Total Transit	5,644	1,738	7,382
	Rail and Ferry	4,966	1,657	6,624
	Bus	678	80	758
	Bicycle	0	0	0
	Walk	457	1,365	1,822
	Other	0	0	0
	Total	12,772	15,484	28,257
Greater than 1/2 mile	In-Vehicle Person	69,966	371,467	441,434
	Vehicle Driver	64,374	351,809	416,184
	Vehicle Passenger	5,592	19,658	25,250
	Total Transit	46,566	16,217	62,784
	Rail and Ferry	42,085	12,676	54,761
	Bus	4,482	3,541	8,023
	Bicycle	305	1,461	1,766
	Walk	1,447	4,852	6,299
	Other	1,391	1,853	3,244
	Total	119,676	395,851	515,527
Total	In-Vehicle Person	76,637	383,850	460,487
	Vehicle Driver	69,756	361,814	431,570
	Vehicle Passenger	6,881	22,036	28,917
	Total Transit	52,211	17,955	70,166
	Rail and Ferry	47,051	14,334	61,385
	Bus	5,160	3,621	8,781
	Bicycle	305	1,461	1,766
	Walk	1,904	6,217	8,121
	Other	1,391	1,853	3,244
	Total	132,448	411,336	543,784

Note: Shaded cells denote insufficient sample size.

Table L18. BATS2000 Weekday Home-Based Work Trip Mode Shares by Proximity of Home and Place of Work to Rail and Ferries - Contra Costa County Residents who Work in San Francisco

Proximity of Household to Rail Station or Ferry Terminal	Mode	Proximity of Work to Rail Station or Ferry Terminal		
		Within 1/2 mile	Greater than 1/2 mile	Total
Within 1/2 mile	In-Vehicle Person	23%	0%	22%
	Vehicle Driver	19%	0%	19%
	Vehicle Passenger	3%	0%	3%
	Total Transit	77%	100%	78%
	Rail and Ferry	64%	100%	64%
	Bus	14%	0%	14%
	Bicycle	0%	0%	0%
	Walk	0%	0%	0%
	Other	0%	0%	0%
	Total	100%	100%	100%
Greater than 1/2 mile	In-Vehicle Person	32%	77%	38%
	Vehicle Driver	29%	60%	33%
	Vehicle Passenger	3%	17%	5%
	Total Transit	64%	23%	59%
	Rail and Ferry	58%	21%	53%
	Bus	6%	2%	6%
	Bicycle	0%	0%	0%
	Walk	2%	0%	2%
	Other	2%	0%	2%
	Total	100%	100%	100%
Total	In-Vehicle Person	31%	77%	36%
	Vehicle Driver	28%	60%	32%
	Vehicle Passenger	3%	17%	5%
	Total Transit	65%	23%	60%
	Rail and Ferry	58%	21%	54%
	Bus	7%	2%	6%
	Bicycle	0%	0%	0%
	Walk	2%	0%	2%
	Other	2%	0%	2%
	Total	100%	100%	100%

Note: Shaded cells denote insufficient sample size.

Table L19. BATS2000 Weekday Home-Based Work Trips by Proximity of Home and Place of Work to Rail and Ferries - Contra Costa County Residents who Work in San Francisco

Proximity of Household to Rail Station or Ferry Terminal	Mode	Proximity of Work to Rail Station or Ferry Terminal		
		Within 1/2 mile	Greater than 1/2 mile	Total
Within 1/2 mile	In-Vehicle Person	1,114	0	1,114
	Vehicle Driver	953	0	953
	Vehicle Passenger	161	0	161
	Total Transit	3,815	34	3,849
	Rail and Ferry	3,137	34	3,171
	Bus	678	0	678
	Bicycle	0	0	0
	Walk	0	0	0
	Other	0	0	0
	Total	4,929	34	4,963
Greater than 1/2 mile	In-Vehicle Person	16,668	5,630	22,297
	Vehicle Driver	15,045	4,411	19,456
	Vehicle Passenger	1,623	1,219	2,842
	Total Transit	33,234	1,666	34,901
	Rail and Ferry	29,926	1,513	31,439
	Bus	3,309	153	3,462
	Bicycle	0	0	0
	Walk	1,005	0	1,005
	Other	1,093	0	1,093
	Total	52,000	7,296	59,296
Total	In-Vehicle Person	17,782	5,630	23,411
	Vehicle Driver	15,998	4,411	20,408
	Vehicle Passenger	1,784	1,219	3,003
	Total Transit	37,049	1,701	38,750
	Rail and Ferry	33,063	1,548	34,610
	Bus	3,987	153	4,140
	Bicycle	0	0	0
	Walk	1,005	0	1,005
	Other	1,093	0	1,093
	Total	56,929	7,330	64,259

Note: Shaded cells denote insufficient sample size.

Table L20. BATS2000 Weekday Home-Based Work Trip Mode Shares by Proximity of Home and Place of Work to Rail and Ferries - Contra Costa County Residents who Work outside of San Francisco

Proximity of Household to Rail Station or Ferry Terminal	Mode	Proximity of Work to Rail Station or Ferry Terminal		
		Within 1/2 mile	Greater than 1/2 mile	Total
Within 1/2 mile	In-Vehicle Person	71%	80%	77%
	Vehicle Driver	56%	65%	62%
	Vehicle Passenger	14%	15%	15%
	Total Transit	23%	11%	15%
	Rail and Ferry	23%	11%	15%
	Bus	0%	1%	0%
	Bicycle	0%	0%	0%
	Walk	6%	9%	8%
	Other	0%	0%	0%
	Total	100%	100%	100%
Greater than 1/2 mile	In-Vehicle Person	79%	94%	92%
	Vehicle Driver	73%	89%	87%
	Vehicle Passenger	6%	5%	5%
	Total Transit	20%	4%	6%
	Rail and Ferry	18%	3%	5%
	Bus	2%	1%	1%
	Bicycle	0%	0%	0%
	Walk	1%	1%	1%
	Other	0%	0%	0%
	Total	100%	100%	100%
Total	In-Vehicle Person	78%	94%	91%
	Vehicle Driver	71%	88%	86%
	Vehicle Passenger	7%	5%	5%
	Total Transit	20%	4%	7%
	Rail and Ferry	19%	3%	6%
	Bus	2%	1%	1%
	Bicycle	0%	0%	0%
	Walk	1%	2%	1%
	Other	0%	0%	0%
	Total	100%	100%	100%

Note: Shaded cells denote insufficient sample size.

Table L21. BATS2000 Weekday Home-Based Work Trips by Proximity of Home and Place of Work to Rail and Ferries - Contra Costa County Residents who Work outside of San Francisco

Proximity of Household to Rail Station or Ferry Terminal	Mode	Proximity of Work to Rail Station or Ferry Terminal		
		Within 1/2 mile	Greater than 1/2 mile	Total
Within 1/2 mile	In-Vehicle Person	5,557	12,382	17,939
	Vehicle Driver	4,429	10,004	14,433
	Vehicle Passenger	1,128	2,378	3,505
	Total Transit	1,830	1,703	3,533
	Rail and Ferry	1,830	1,623	3,453
	Bus	0	80	80
	Bicycle	0	0	0
	Walk	457	1,365	1,822
	Other	0	0	0
	Total	7,843	15,450	23,294
Greater than 1/2 mile	In-Vehicle Person	53,299	365,838	419,136
	Vehicle Driver	49,329	347,399	396,728
	Vehicle Passenger	3,969	18,439	22,408
	Total Transit	13,332	14,551	27,883
	Rail and Ferry	12,159	11,163	23,322
	Bus	1,173	3,388	4,561
	Bicycle	305	1,461	1,766
	Walk	442	4,852	5,294
	Other	298	1,853	2,151
	Total	67,676	388,555	456,231
Total	In-Vehicle Person	58,855	378,220	437,075
	Vehicle Driver	53,758	357,403	411,161
	Vehicle Passenger	5,097	20,817	25,914
	Total Transit	15,162	16,254	31,416
	Rail and Ferry	13,988	12,786	26,774
	Bus	1,173	3,468	4,641
	Bicycle	305	1,461	1,766
	Walk	899	6,217	7,116
	Other	298	1,853	2,151
	Total	75,519	404,005	479,524

Note: Shaded cells denote insufficient sample size.